

# YAKAMA NATION FISHERS MEETING

A silhouette of a fisherman wearing a hat and boots, holding a large fish. The fisherman is positioned on the right side of the image, and the fish is held vertically. The background is a solid olive green color.

March 27, 2023

10 am to 4 pm

BW Plus Hood River Inn

Hood River, OR



# Agenda

- Spring Season
- Summer Season
- YNF Education & Media – 11:30 a.m.
- YNF Water Quality Monitoring – 11:45 a.m.
- Lyle Falls Clean-up
- In-Lieu/TFAS – Michael Broncheau
- Salmon Marketing
- Other?



# Yakama Fish and Wildlife Committee Members

- |                       |           |
|-----------------------|-----------|
| ■ Jeremy Takala       | Chairman  |
| ■ Terry Heemsah Sr.   | Secretary |
| ■ Terry Goudy-Rambler | Member    |
| ■ Caseymac Wallahee   | Member    |



# Spring 2023

- 2018 – 2027 *US v OR* Management Agreement
- January 1 to June 15
- Sliding Scale Harvest Rate Schedule
- Preseason Forecast = 198,600\*
- Snake River Wild = 13,200 (less than 10% of Total)\*
- Treaty Catch Guideline = 8.3% (16,484)\*
- TAC Run Updates begin when about 50% past Bonneville Dam
- Management on Actual Run Size for All Parties
- Management Run Size for Early Season Planning

## Upriver 2023 TAC forecasts of Chinook and Sockeye Salmon.



<b><i>Columbia River Adult Salmon Returns: Actual and Forecasted *</i></b>				
		<b>2022 Forecast</b>	<b>2022 Return</b>	<b>2023 Forecast</b>
<b>Spring Chinook</b>	<b>Upriver Total for Spring Management Period</b>	<b>122,900</b>	<b>185,209</b>	<b>198,600</b>
	Upper Columbia (total)	21,700	29,605	41,400
	<i>Upper Columbia <u>natural-origin</u></i>	<i>2,800</i>	<i>5,264</i>	<i>5,800</i>
	Snake River Spring/Summer (total)**	73,400	103,025	85,900
	<i>Snake River <u>natural-origin</u>**</i>	<i>13,200</i>	<i>23,331</i>	<i>13,200</i>
	Mid-Columbia (by subtraction)	<b>27,800</b>	<b>52,579</b>	<b>71,300</b>
<b>Summer Chinook</b>	<b>Upper Columbia Total for Summer Management Period</b>	<b>56,300</b>	<b>78,494</b>	<b>84,800</b>
<b>Sockeye</b>	<b>Total Annual Return</b>	<b>198,700</b>	<b>664,935</b>	<b>234,500</b>
	Wenatchee	19,200	147,473	44,300
	Okanogan	175,700	513,317	187,400
	Yakima	3,500	157	100
	Deschutes	100	35	100
	Snake River	200	2,329	2,600
<p>* Components may not sum due to rounding.</p> <p>** 2021 return is based on standard TAC run reconstruction methodology. IDFG does not support the TAC methodology and has provided alternate estimates of 47,949 total adults, including 6,975 natural origin.</p>				



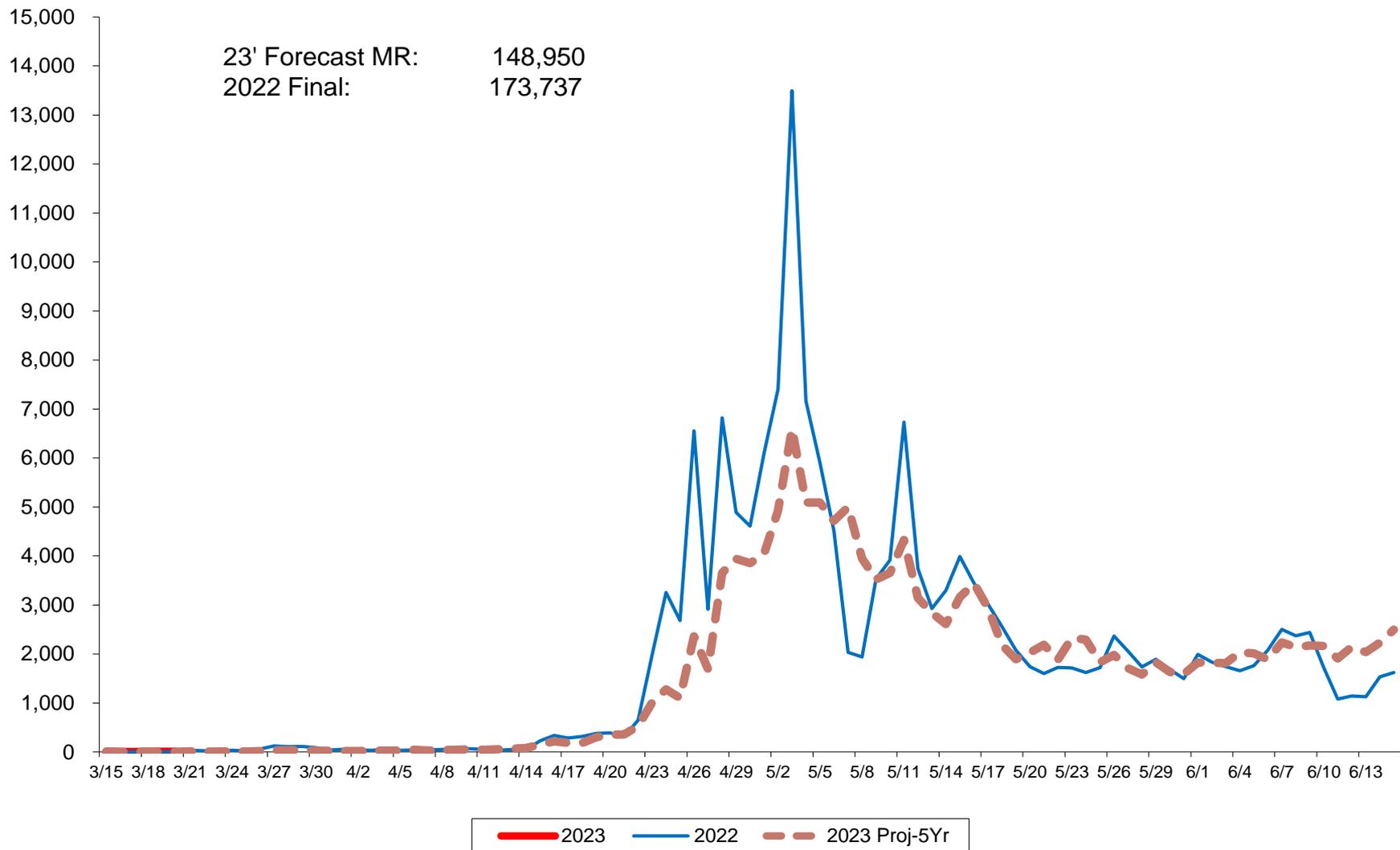
# Spring 2023 Pg. 2

- Early Season Management
- Management Run = 148,950 (75% of Forecast)
- Catch Limit ~ 11,000 (7.4%)
- Z6 Platform/H&L ~ 6,000 (4.0%)
- Remainder = 5,000
- Tribes discussing Permits
- Tribes discussing Below Bonneville H&L

Percent of Pre-Season Forecast	River Mouth Run Size	Allowed Treaty Harvest Rate	Allowed Harvest	Expected Zone 6 Platform and Hook and Line Harvest (4.0%)	Available for Ceremonial Permits and other fisheries
60%	119,160	7.00%	8,341	4,766	3,575
70%	139,020	7.40%	10,287	5,561	4,727
75%	148,950	7.40%	11,022	5,958	5,064
80%	158,880	7.40%	11,757	6,355	5,402
90%	178,740	8.30%	14,835	7,150	7,686
100%	198,600	8.30%	16,484	7,944	8,540
110%	218,460	9.10%	19,880	8,738	11,141
120%	238,320	9.10%	21,687	9,533	12,154
130%	258,180	9.10%	23,494	10,327	13,167
140%	278,040	10.00%	27,804	11,122	16,682
150%	297,900	10.00%	29,790	11,916	17,874
160%	317,760	10.00%	31,776	12,710	19,066



### Bonneville Dam Adult Chinook Passage March 15 to June 15





# Harvest Rate Schedule from U.S. v. Oregon Agreement

Total Upriver Spring and Snake River Summer Chinook Run Size <sup>6</sup>	Snake River Natural Spring/Summer Chinook Run Size <sup>1</sup>	Treaty Zone 6 Total Harvest Rate <sup>2,5</sup>	Treaty Catch Guideline	Non-Treaty Natural Harvest Rate <sup>3</sup>	Non-Treaty Mortality Guideline	Total Natural Harvest Rate <sup>4</sup>	Non-Treaty Natural Limited Harvest Rate <sup>4</sup>
<27,000	<2,700	5.0%		<0.5%		<5.5%	0.5%
27,000	2,700	5.0%	1,350	0.5%	1,350	5.5%	0.5%
33,000	3,300	5.0%	1,650	1.0%	1,650	6.0%	0.5%
44,000	4,400	6.0%	2,640	1.0%	2,640	7.0%	0.5%
55,000	5,500	7.0%	3,850	1.5%	3,850	8.5%	1.0%
82,000	8,200	7.4%	6,068	1.6%	6,068	9.0%	1.5%
109,000	10,900	8.3%	9,047	1.7%	9,047	10.0%	
141,000	14,100	9.1%	12,831	1.9%	12,831	11.0%	
217,000	21,700	10.0%	21,700	2.0%	21,700	12.0%	
271,000	27,100	10.8%	29,268	2.2%	29,268	13.0%	
326,000	32,600	11.7%	38,142	2.3%	38,142	14.0%	
380,000	38,000	12.5%	47,500	2.5%	47,500	15.0%	
434,000	43,400	13.4%	58,156	2.6%	58,156	16.0%	
488,000	48,800	14.3%	69,784	2.7%	69,784	17.0%	



# Ceremonial Permits

- Highest Priority
- Mainly filled in Spring
- Commercial Sale Not Allowed at same time
- Tribes have not reached consensus in many years
- Some Tribes authorize H&L for Permits below Bonneville Dam
- Other Tribes Limited Elders H&L Below Bonneville Dam
- Below Bonneville Dam H&L counted as Permits



# Platform/Hook & Line

- Second Highest Priority
- Considered Base Subsistence Fishery
- 10,000 C&S Fish Entitlement
- Staff recommends 4.0% HR for Spring Zone 6
- Management Goal: Open Year Around with Sunday Closures
- Commercial Sale opened 6/4/22 due to increased return
- Commercial Sale has continued through October or December



# Spring 2022 Fisheries

- 16,307 (8.8% HR) Total Catch
- 16,854 (9.1%) Total Allowed Harvest
- Platform/H&L Open Throughout (Sunday Closures)
- Commercial Sales – 6/4/22

Spring Chinook	Harvest
Ceremonial	4,343
Platform H&L	11,964
<b>Total Harvest</b>	<b>16,307</b>
Allowed Harvest	16,869
Remainder	562

2022 Ceremonial Permits			
Yakama	Warm Springs	Nez Perce	Umatilla
994	1,490	1,176	675



# YN Platform/H&L Seasons

River	Season	Forecast	Projected Catch
Columbia Zone 6	Closed Sundays Closed Below Bonneville	148,950 (75%)	6,000*
Wind River	March 8 to June 24 Noon Wed – 6pm Sat	4,400	200
Drano Lake	Evaluate in Season	8,000	
Klickitat River	April 5 to May 27 Noon Wed to 6pm Sat	1,400	140
Yakama River	April 11 to June 24 Noon Tues to 6pm Sat	5,500	180
Icicle River	Evaluate in Season		

\* Projected Zone 6 PHL catch on recommended Management Run Size of 148,950



# Summer 2023

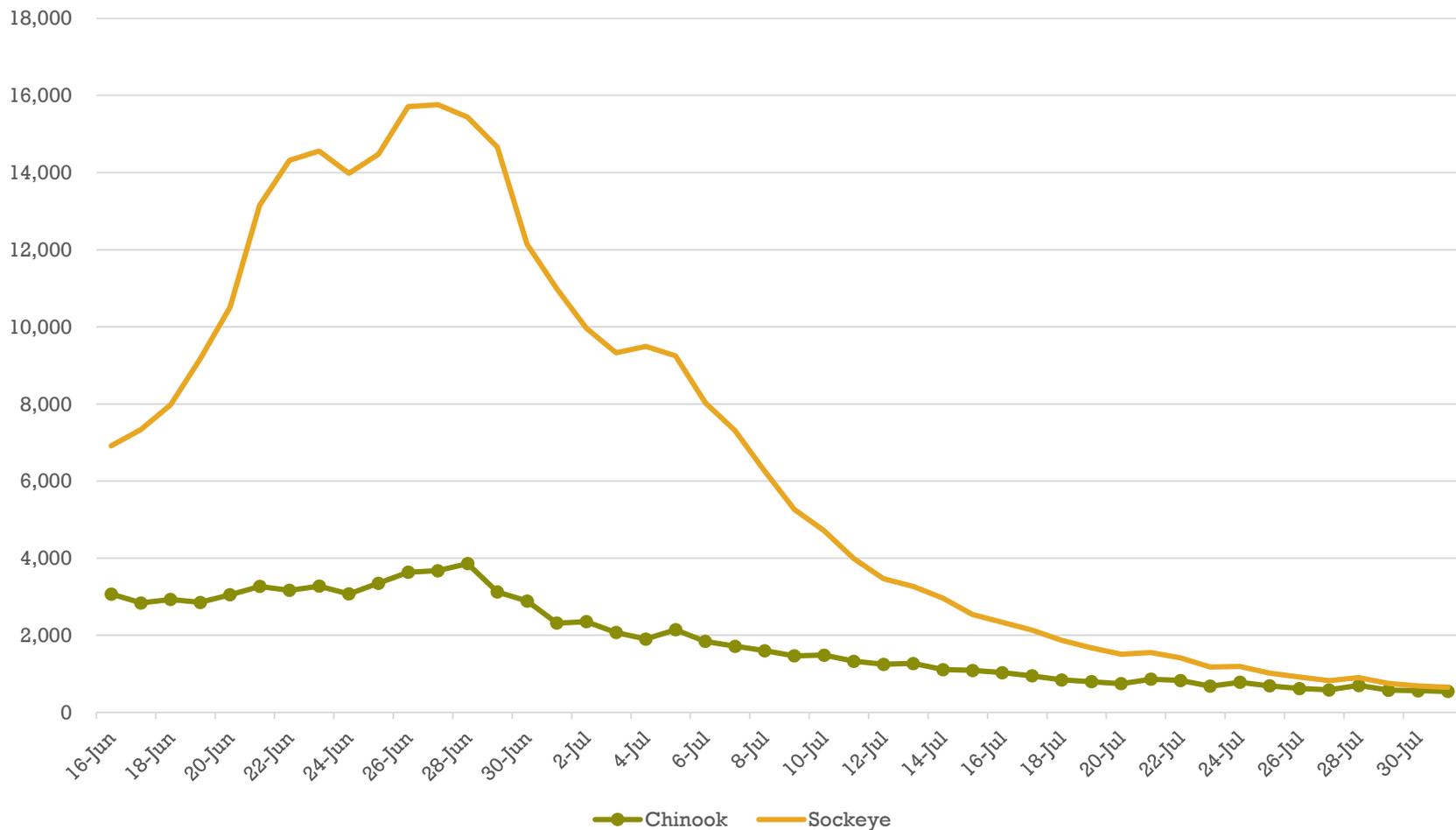
- June 16 to July 31 for Chinook
- Forecasts
  - Chinook = 84,800
  - Sockeye = 234,500
  - A-Index Steelhead = 55,400
    - Wild A-Index = 17,300
  - B-Index Steelhead = 8,000
    - Wild B-Index = 1,300
- Good Chinook Forecast
- Good Sockeye Forecast
- No summer harvest rate limit on steelhead



# Summer 2023 Pg. 2

- Treaty Catch Guidelines – Depend on Actual not forecast run
  - Chinook ~ 23,550 (50% Sharing Formula) (allowed catch will depend on planned ocean harvest – counted in non-treaty share)
  - Sockeye = 16,415 (7%)
  
- Expect Commercial Gillnet Season
  - Begin June 19??? June 16 is a Friday
  
- Mesh Restriction For Sockeye
  
- Platform/h&l
  - Don't catch much Chinook (Maybe 1,000)
  - Can catch Sockeye (up to ~ 5%)

### Summer Projected Bonneville Dam Counts





# Summer 2022

- 7 Weekly Gillnet Openings
  - June 16 – July 28
- Summer Chinook Catch 14,960 (19% HR)
- Sockeye Catch 27,344 (4.1% HR)
- 7 in mesh restriction first 4 openings
  - No mesh restriction last 3 openings

Fishery	Chinook	Sockeye
6/16 – 6/18	1,384	442
6/20 – 6/24	3,492	3,261
6/27 – 7/1	4,732	10,386
7/4 – 7/8	2,516	6,058
7/11 – 7/15	1,364	4,426
7/18 – 7/21	859	2,042
7/25 – 7/28	569	728
<b>Totals</b>	<b>14,960</b>	<b>27,344</b>



# Yakama Nation Fisheries Website & Facebook Page

- Seasons information and printable regulations
- <http://yakamafish-nsn.gov/harvest>
- Information Updates
- Subsistence Regulations Package
- Inseason Fishing Season Regulations